Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 18 Aug 2021 until 23:59 on Thursday 19 Aug 2021

Forecast Issued on Wednesday 18 Aug 2021 at 02:45

Confidence: High for eastern slopes to enjoy the best of the shelter over the coming days with poor visibility affecting the west. Confidence is also fairly high for a spell of more unsettled weather over the weekend, but low confidence of any details at this stage.

Headline for Wednesday 18 Aug 2021: Rather dull and occasionally damp. Best shelter in the east.

Mountain weather hazards on Wednesday 18 Aug 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Light rain	Mist	Cloudy	Light rain	Drizzle
Precipitation probability					
40%	30%	30%	20%	30%	40%

Forecast for Wednesday 18 Aug 2021

Weather: A rather dull start with drizzle across the central and western hills, but lee shelter to the east is likely to give some brighter spells across the eastern foothills. The cloud base may lift at times through the day but unreliably so, before cloud descends again through evening.

Chance of cloud free mountain/hill tops above 600m: 10% west, 40% east.

Visibility: Cloud will be extensive above around 400m in the west, but generally more broken in the east. Some improvement looks possible through afternoon but this is uncertain. Visibility will be as low as a few hundred metres above the cloud base, especially in any drizzle.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Wednesday 18 Aug 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/26 W	18/26 W	21/29 W	20/28 W	18/26 W	17/24 W	15/20 W
300	14/19 W	14/21 W	16/24 W	16/24 W	14/21 W	12/19 W	11/16 W
Valley	9/19 W	11/20 W	13/24 W	13/25 W	11/21 W	8/17 W	7/15 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/7	11/8	12/9	12/9	12/9	11/8	11/8
300	12/10	13/11	14/11	15/12	14/11	13/11	13/12
Valley	13/11	14/12	14/12	16/13	14/13	14/13	14/12
Freezing Level*	3400m	3300m	3300m	3300m	3300m	3300m	3200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Poor visibility will be the dominant hazard across the hills on Wednesday. Best of the shelter found across eastern hills.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 18 Aug 2021	14.6mm	19.8mm	24mm

Forecast for Thursday 19 Aug 2021

Weather: A rather cloudy day, perhaps more extensive across eastern parts compared to Wednesday, although cloud is less likely to be shrouding the tops. Outbreaks of rain and drizzle will ease during the morning, with some sunny spells possible for a brief time, however further showers then follow during the afternoon. Despite this, most routes will stay dry.

Maximum wind: Westerly 10-15mph.

Chance of cloud free mountain/hill tops above 600m: 40%, increasing to 80% by the afternoon.

Visibility: Areas of cloud above around 500m at first, down to 400m in the west, but lifting by the afternoon. Whilst cloud returns through the day, it will likely remain above most hills, with only the odd patch down to 500m during heavy showers, mainly in the west. Otherwise moderate to good visibility, but falling to poor during any heavier showers.

Temperature: **Valleys:** Plus 12 Celsius rising to Plus 18 Celsius.
At 600m: Plus 12 Celsius.
Freezing level: Above the summits.

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